

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Karl EXEL et al

Group Art Unit: 3744

Serial No: 10/045,011

Examiner:

Filed : January 14, 2002

For : MIRROR FOR LASER APPLICATIONS AND
METHOD FOR MANUFACTURE OF SAID MIRROR

PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

Please amend the application as follows:

In the Specification:

Please substitute new paragraph 42 as provided herebelow for paragraph 42 as originally filed in this application. We are also including a marked-up copy of paragraph 42 herewith.

[042] As depicted in Figures 3 and 4, these cooler layers 11 are structured, i.e. provided with a plurality of openings and material stays surrounding these openings, in such a way they form two chambers 12 and 13 for the inlet and outlet of a preferably liquid coolant, for example water, and between these chambers a cooling area 14 with a finely structured network of passageways formed by the openings 11' for the coolant, which paths continuously branch out in all three perpendicular spatial axes, so that the coolant flows through this cooling area 14 being constantly diverted in all three spatial axes, thus producing an intensive cooling effect.